



## Air Managers Committee/State Caucus

### Regional Haze/WRAP Activity Update

April, 2005

#### EPA postpones BART rule for 60 days

EPA extended the time of final action on the much-anticipated BART rule revision until June 15, 2005. This revision, which was scheduled for April 15 is in response to a consent decree between EPA and Environmental Defense, and addresses a remand by the D.C. Circuit Court of Appeals in 2002, in *American Corngrowers, et.al. vs. EPA*. The court ruling was that states should have the option of determining visibility impacts from BART-eligible sources on an individual, rather than a group basis; that the prescribed method of using collective emissions from a group of BART-eligible sources to model their cumulative visibility impairment violated part of the Clean Air Act. In the modified consent decree extending the final date, EPA committed to final action on the issues in *CEED vs. EPA* by November 8. (See [http://www.wrapair.org/forums/mtf/documents/group\\_reports/ANNEX/final/Annex\\_BART\\_Decision\\_05.02.18.pdf](http://www.wrapair.org/forums/mtf/documents/group_reports/ANNEX/final/Annex_BART_Decision_05.02.18.pdf) )

***Several WRAP forums have released drafts or final technical reports that are central to states and tribes for developing and implementing regional haze plans. The following are significant reports released in April:***

#### Final 2003 Regional SO2 Emissions and Milestone Report

This is the first SO2 emissions tracking report required by §309. The report compiles the 2003 SO2 emissions from sources subject to the western backstop SO2 trading program and compares them to the 5-state regional SO2 milestones. Emissions were 25 percent below the 2003 SO2 milestone. This positions the 309 states quite well to continue to achieve the milestone objectives throughout the planning period, 2018. (See the report at: [http://www.wrapair.org/forums/309/documents/2003\\_Final\\_WRAP\\_SO2\\_Milestone\\_Report.pdf](http://www.wrapair.org/forums/309/documents/2003_Final_WRAP_SO2_Milestone_Report.pdf) )

#### Analysis of Combustion Controls for Reducing NOx Emissions From Coal-fired EGU's in the WRAP Region

The Stationary Sources Joint Forum has released a draft report for comment that identifies the coal-burning Electric Generating Units (EGU's) by state, catalogues the existing NOx emission controls and presents a range of possible controls for these units. This report covers all coal-fired EGU's in the WRAP region regardless of whether or not they are BART-eligible sources. Databases maintained by U.S. Department of Energy's (DOE) Energy Information Administration (EIA) and the Clean Air Markets Division (CAMD) of EPA (Acid Rain) were used to compile the inventory of EGU's.

EIA and CAMD show there are 110 coal-fired EGU's in the WRAP states. The table below from the draft report shows how many units and the average base-year NO<sub>x</sub> emissions by state.

**Table 2-3. Distribution of Coal-fired EGU's by WRAP State<sup>a</sup>**

State	Number of Units	Avg. NO <sub>x</sub> 2001-2003 Emissions(TPY)
AK	5	1580 <sub>a</sub>
AZ	14	81,354
CA	1	298 <sub>a</sub>
CO	22	69,266
MT	6	37,170
ND	13	76,788
NM	10	76,316
NV	8	37,122
OR	1	9,750
SD	1	15,779
UT	10	70,556
WA	2	18,064
WY	17	83,797
<b>Total</b>	<b>110</b>	<b>577,840</b>

<sup>a</sup> Emissions data were not available from CAMD for these units. Actual emissions from 2002 National Emissions Inventory is shown.

The report also shows estimates of costs and emission reductions of NO<sub>x</sub> associated with these controls (See this draft at: [http://www.wrapair.org/forums/ssjf/documents/eiccts/NOxEGU/050426Coal-fired%20EGUs in WRAP Region-draft.pdf](http://www.wrapair.org/forums/ssjf/documents/eiccts/NOxEGU/050426Coal-fired%20EGUs%20in%20WRAP%20Region-draft.pdf))

### **Draft Report: Fugitive Wind Blown Dust Emissions and Model Performance Evaluation: Phase II**

The Dust Emissions Joint Forum has released a draft report for comment that describes the methods and results for obtaining a 12-km resolution 2002 wind blown dust emissions inventory for the WRAP region. The report also includes an inventory for adjacent regions. Comments should be provided to Lee Alter ([lalter@westgov.org](mailto:lalter@westgov.org)) by May 31, 2005. (See the report at:

[http://www.wrapair.org/forums/dejf/documents/WRAPRMC-RevDraft\\_WBDust\\_4-15-05.pdf](http://www.wrapair.org/forums/dejf/documents/WRAPRMC-RevDraft_WBDust_4-15-05.pdf))

### **Phase II 2002 fire emissions inventories report**

The Fire Emissions Joint Forum last month announced availability of the Phase II fire emissions inventory for the base year 2002. The Emissions and Air Quality Modeling Forums of the WRAP will use these data in regional

models to help allocate regional haze impacts from fire as well as from other source categories.

The types of fire activity and emissions included in the report are wildfires, prescribed fires, wildland fire use, agricultural burning, and non-federal prescribed rangeland burning in 2002 (See the draft report at: <http://www.wrapair.org/forums/fejf/tasks/FEJFtask7PhaseII.html>)